

Articles

AsAChemicalEngineer. (n.d.). *R/askscience on reddit: How did Einstein arrive at*

$E=mc^2$? Reddit r/askscience.

https://www.reddit.com/r/askscience/comments/31tulw/how_did_einstein_arrive_at_emc2/

Aston, F. W. (n.d.). *Francis W. Aston mass spectra and isotopes Nobel lecture, December 12, 1922*. Mass Spectra and Isotopes.

<https://www.nobelprize.org/uploads/2018/06/aston-lecture.pdf>

Einstein, A. (n.d.). Does the inertia of a body depend upon its energy-content?

https://www.fourmilab.ch/etexts/einstein/E_mc2/e_mc2.pdf

ETS. (n.d.). *GRE® Physics Test Practice Book*. GRE Physics Practice Exam 2017.

<https://media.physics.hmc.edu/media/docs/gre1777.pdf>

Library of Congress. (n.d.). *Research guides: Annus mirabilis of Albert Einstein: The 1905 papers*. The 1905 Papers - Annus Mirabilis of Albert Einstein - Research Guides at Library of Congress. <https://guides.loc.gov/einstein-annus-mirabilis/1905-papers>

Libretexts. (2020, August 14). *20.8: Converting mass to energy- mass defect and nuclear binding energy*. Chemistry LibreTexts.

[https://chem.libretexts.org/Bookshelves/General_Chemistry/Map%3A_A_Molecular_Approach_\(Tro\)/20%3A_Radioactivity_and_Nuclear_Chemistry/20.08%3A_Converting_Mass_to_Energy-_Mass_Defect_and_Nuclear_Binding_Energy](https://chem.libretexts.org/Bookshelves/General_Chemistry/Map%3A_A_Molecular_Approach_(Tro)/20%3A_Radioactivity_and_Nuclear_Chemistry/20.08%3A_Converting_Mass_to_Energy-_Mass_Defect_and_Nuclear_Binding_Energy)

Libretexts. (2025, March 3). *10.3: Nuclear binding energy*. Physics LibreTexts.

[https://phys.libretexts.org/Bookshelves/University_Physics/University_Physics_\(OpenStax\)/University_Physics_III_-_Optics_and_Modern_Physics_\(OpenStax\)/10%3A__Nuclear_Physics/10.03%3A_Nuclear_Binding_Energy](https://phys.libretexts.org/Bookshelves/University_Physics/University_Physics_(OpenStax)/University_Physics_III_-_Optics_and_Modern_Physics_(OpenStax)/10%3A__Nuclear_Physics/10.03%3A_Nuclear_Binding_Energy)

MadSci Network. (2010, November 29). Re: Who discovered the nuclear mass defect?

<https://www.madsci.org/posts/archives/2010-12/1291221759.Ch.r.html>

Tao, T. (2016, June 3). Einstein's derivation of $E=mc^2$.

<https://terrytao.wordpress.com/2007/12/28/einsteins-derivation-of-emc2/>

Sounds

004-driver_trouble.wav by Wertstahl. Freesound. (n.d.-a).

<https://freesound.org/people/wertstahl/sounds/409258/>

Right/wrong buzzer by JAMHAMSTERROFL. Freesound. (n.d.-b).

<https://freesound.org/people/jamhamsterrofl/sounds/697400/>

Swoosh45.wav by kwahmah_02. Freesound. (n.d.-c).

https://freesound.org/people/kwahmah_02/sounds/269330/

VS pop_7.mp3 by vilkas_sound. Freesound. (n.d.-d).

https://freesound.org/people/Vilkas_Sound/sounds/463393/

Graphics

Wikimedia Foundation. (2025, September 28). *Graduate Record Examinations Logo*.

Wikipedia.

[https://en.wikipedia.org/wiki/Graduate_Record_Examinations#/media/File:GRE_logo_202](https://en.wikipedia.org/wiki/Graduate_Record_Examinations#/media/File:GRE_logo_2024.svg)

[4.svg](https://en.wikipedia.org/wiki/Graduate_Record_Examinations#/media/File:GRE_logo_2024.svg)